

Bolsa Chica Fact Sheet (8-11-06)

Public agencies that signed the implementing agreement and amendments in 1997:

1. State Lands Commission
2. State Resources Agency
3. State Coastal Conservancy
4. California Department of Fish and Game
5. Environmental Protection Agency
6. U.S. Army Corps of Engineers
7. National Marine Fisheries Service
8. Fish and Wildlife Service
9. Port of Los Angeles
10. Port of Long Beach.

Full Tidal Basin Area:	367 acres
Muted Tidal Area:	223 acres
Seasonal Ponds Area:	139 acres
Future Full Tidal Area:	248 acres
State Lease oil pad Area:	25 acres
Nesting area created (three new sites):	20 acres
Public trail overlooks created:	3 acres

Total project costs:	\$147 million
- acquisition	\$26.5 million
- agency work and documentation	\$5.5 million
- oil well buyout and abandonment	\$11.8 million
- all construction contracts	\$86 million
- operations and maintenance endowment	\$15 million
- future full tidal endowment	\$2.5 million

Construction: two years (Sept 2004 through Sept 2006)

Data collection, preliminary engineering, environmental documentation, and permitting: eight years

Groundwater barrier plastic sheet pile:	30 feet deep, 4,725 feet long
Fill for Levee/Overlook/Nest Site:	1,000,000 cubic yards
Sand in surf zone (ebb shoal)	750,000 cubic yards
Sand on State Beach	130,000 cubic yards
Stone Revetment and jetties	180,000 tons
Planting and hydroseeding	50 acres
Bridge Pilings Driven	377 piles
Structural Concrete poured	13,800 tons or 6,800 cubic yards
Fence replacement	19,000 linear feet
Oil wells abandoned	64
Oil field pipeline removed	121,454 linear feet

Concrete rubble removed	2,754 tons
Pipeline supports removed	10,302
Sub-surface pipelines removed	73,542 linear feet
Ditches dug to find old buried pipes	13 miles

Land owner:	State Lands Commission
EIR/EIS	State Lands Commission, Fish and Wildlife Service, Army Corps of Engineers
Contaminants technical lead	Fish and Wildlife Service
Construction lead agency	Fish and Wildlife Service
Contractors:	
EIR/EIS contractor:	Chambers Group
Contaminants, soils, geotechnical:	CH2MHill, Kinnetics Labs, Toxscan, Geosyntec
Preliminary engineering:	Moffatt and Nichol Engineers
Final engineering:	Moffatt and Nichol Engineers
Construction prime:	Kiewit Pacific Company
Dredging subcontractor:	Ross Island Sand and Gravel
Construction management contractor:	Moffatt and Nichol Engineers

Lowland acres acquired by the State of California:	948 acres
Land seller:	Hearthside Homes
Oil field lease operator since 1998:	Aera Energy LLC
Lowland acres already owned by the State via 1972 title exchange:	300 Acres
Land Manager of Inner and Outer Bolsa Bays:	California Department of Fish and Game

Pacific Coast Highway 4-lane bridge with separate State Beach roadway
Oil Service Bridge 2-lane with separate pipeline corridor jetties across beach: two,
about 360 feet apart , about 450 feet from PCH to tip.